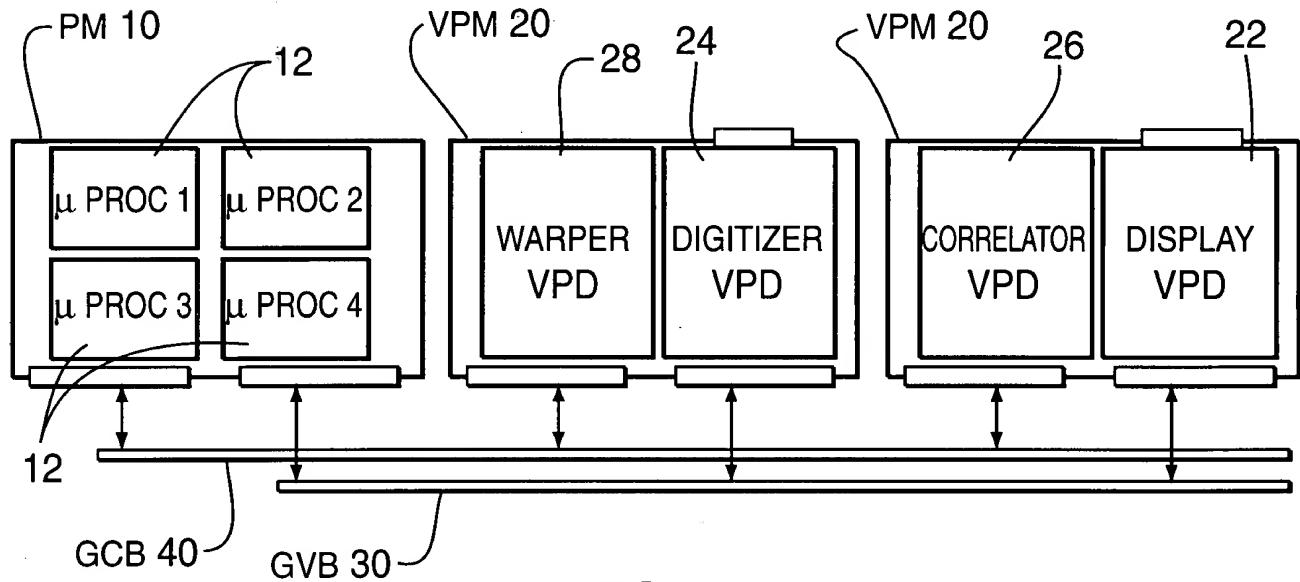
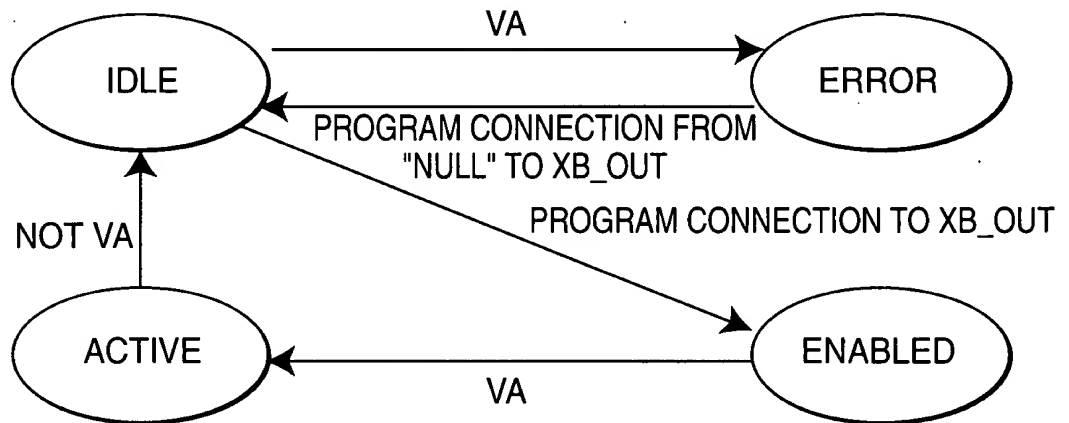
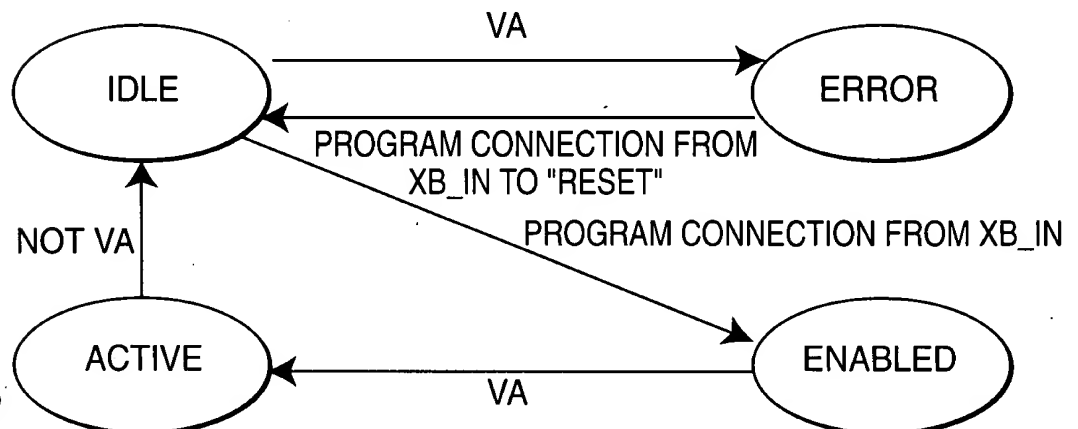


FIG. 3

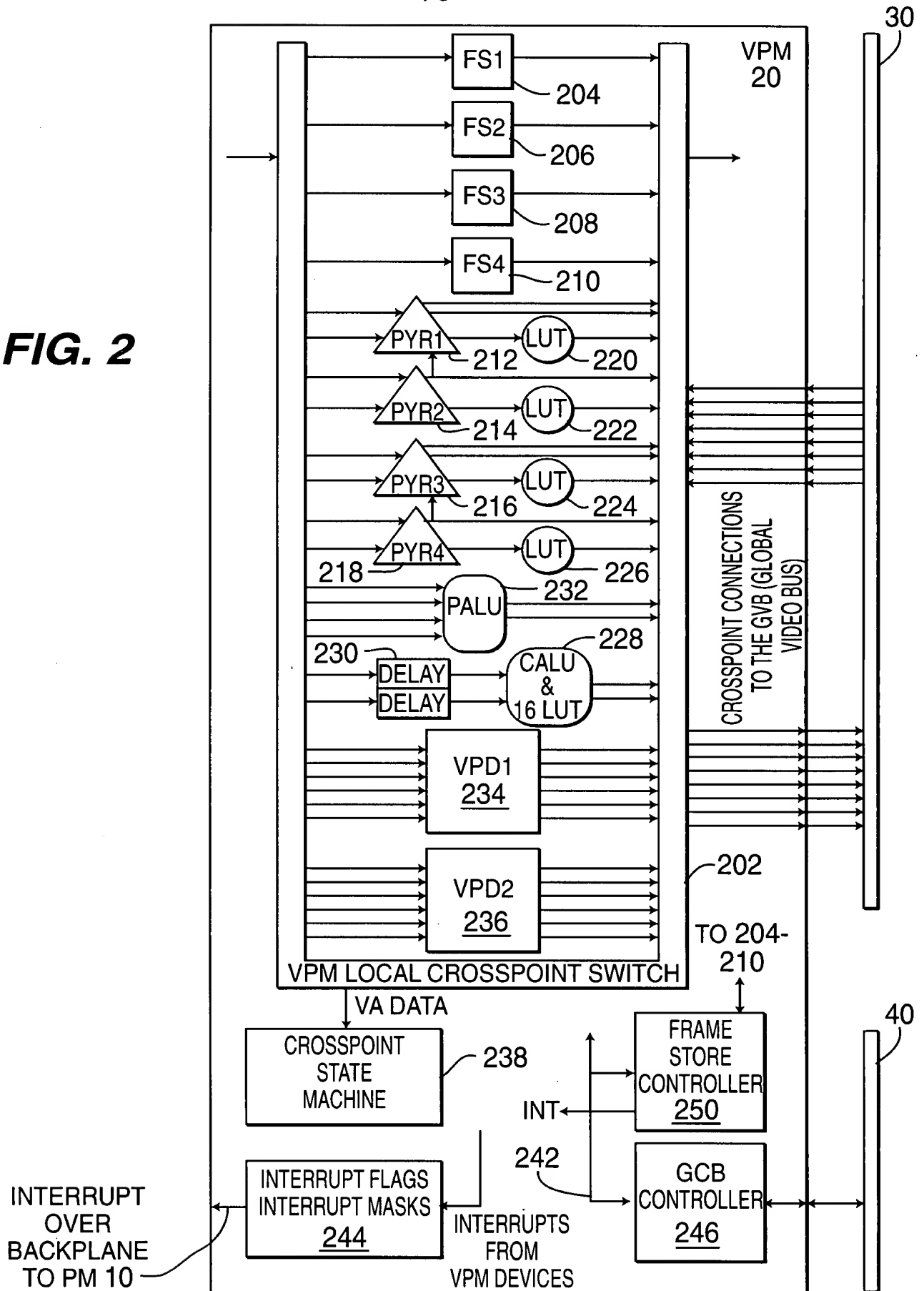
**FIG. 1****FIG. 2A**

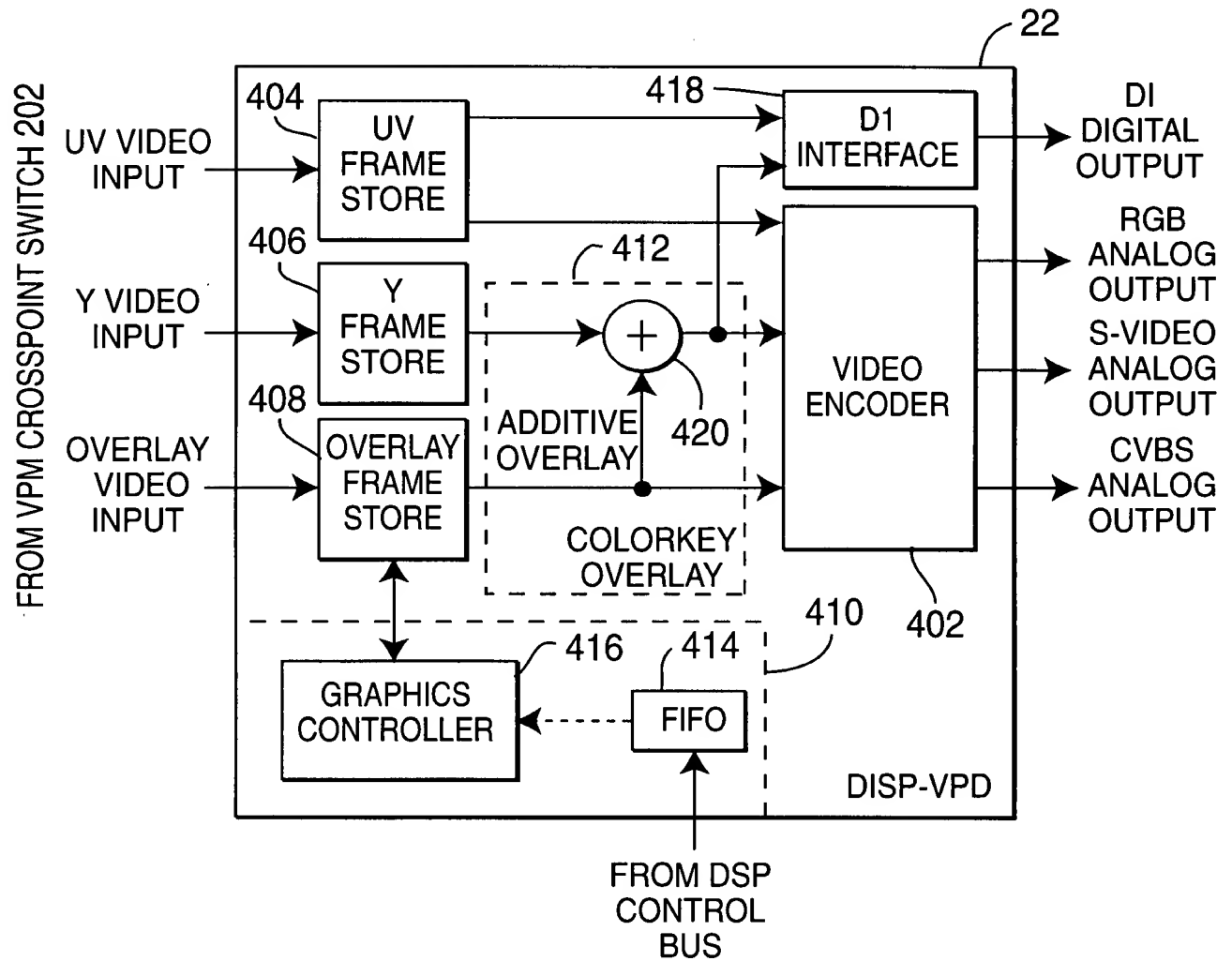
STATE DIAGRAM FOR CROSSBAR OUTPUT PORTS XB_OUT

**FIG. 2B**

STATE DIAGRAM FOR CROSSBAR INPUT PORTS XB_IN

FIG. 2



**FIG. 4**

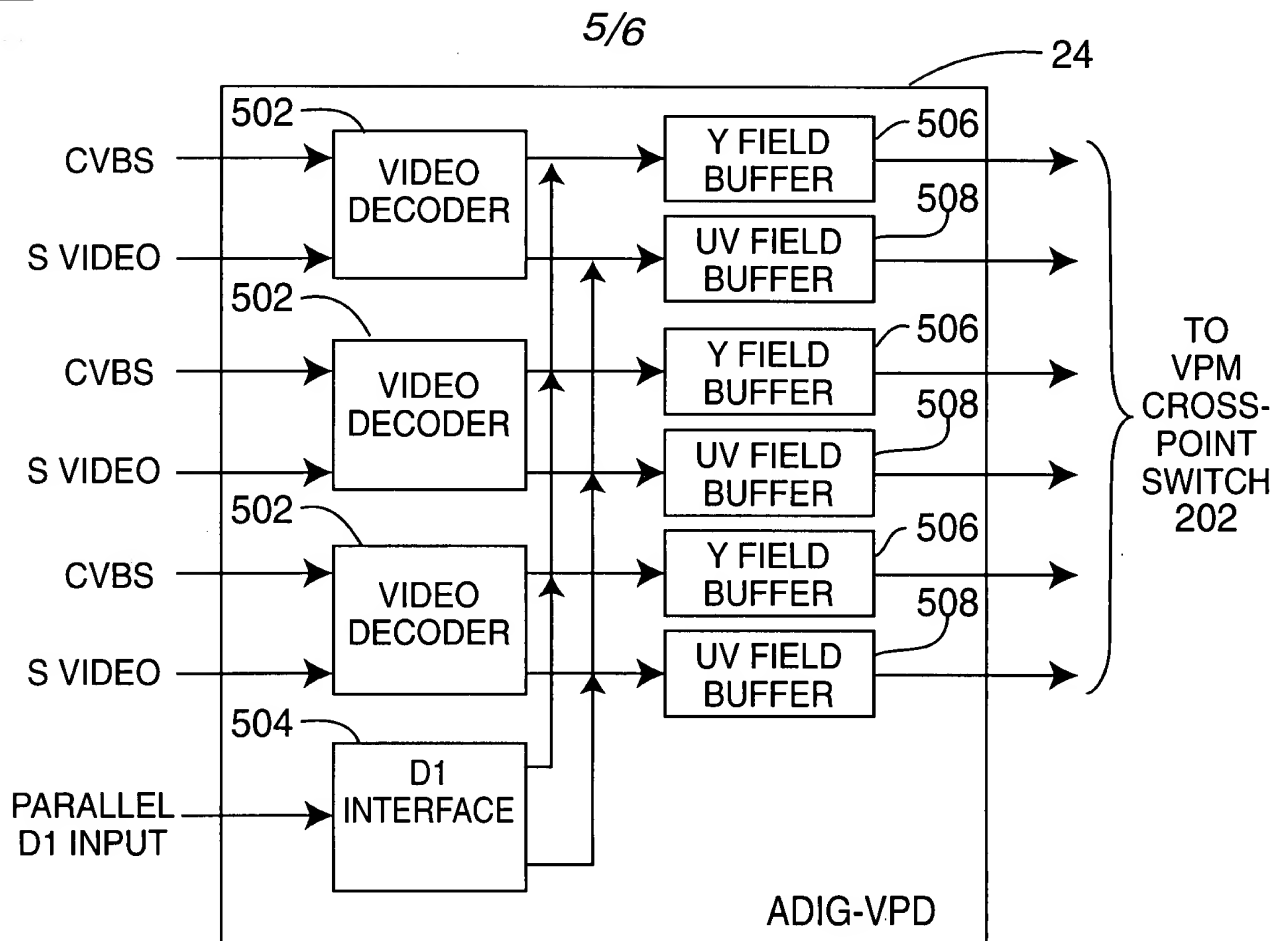


FIG. 5

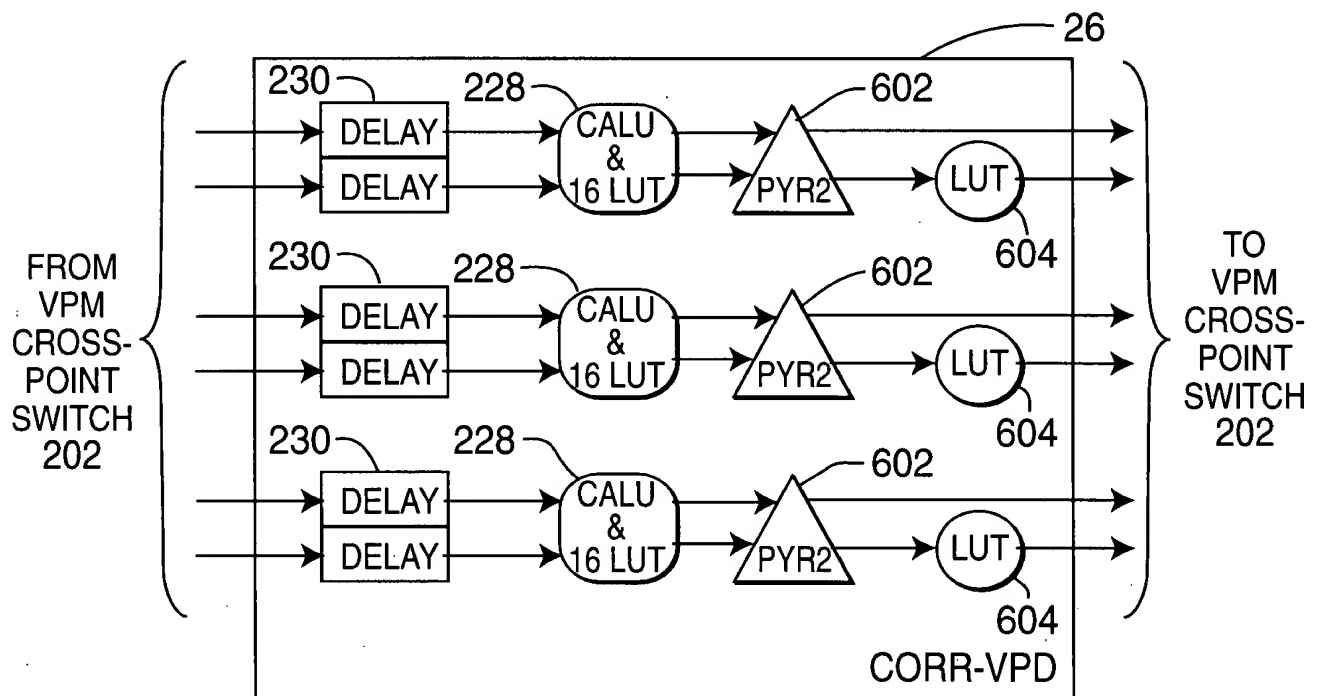
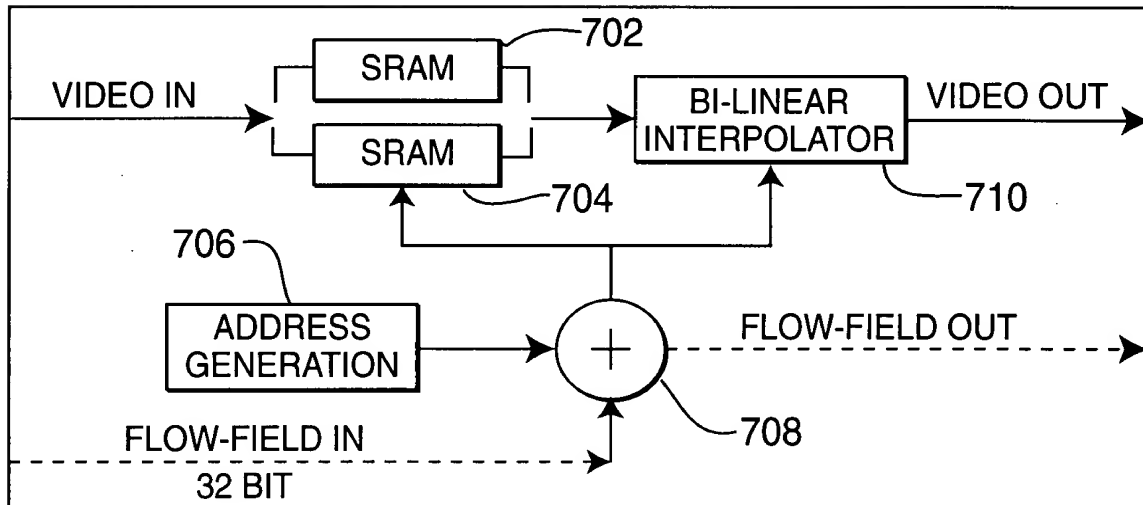
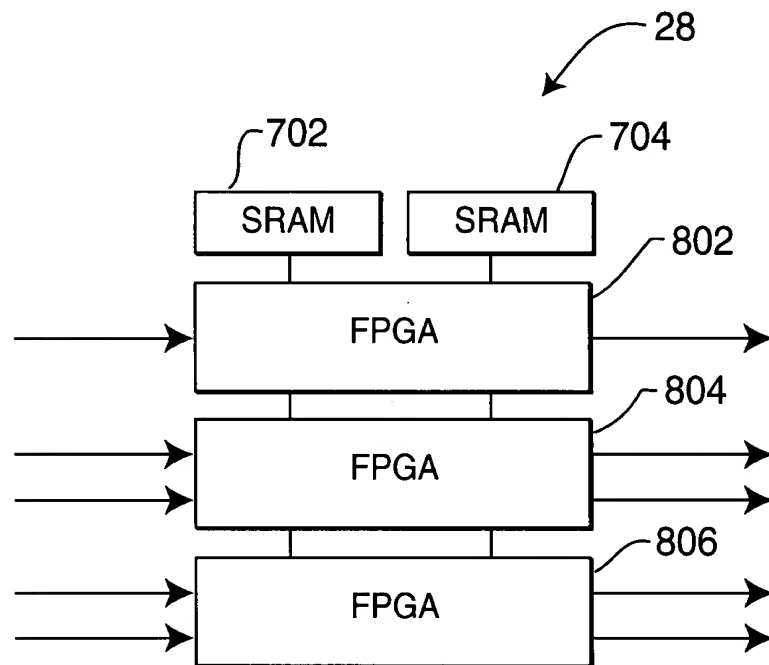


FIG. 6

**FIG. 7****FIG. 8**